

DUBAI PHARMACY COLLEGE FOR GIRLS

# newsletter



May 2024

"May your actions inspire others to dream more, learn more, do more, and become more." John Quincy Adams







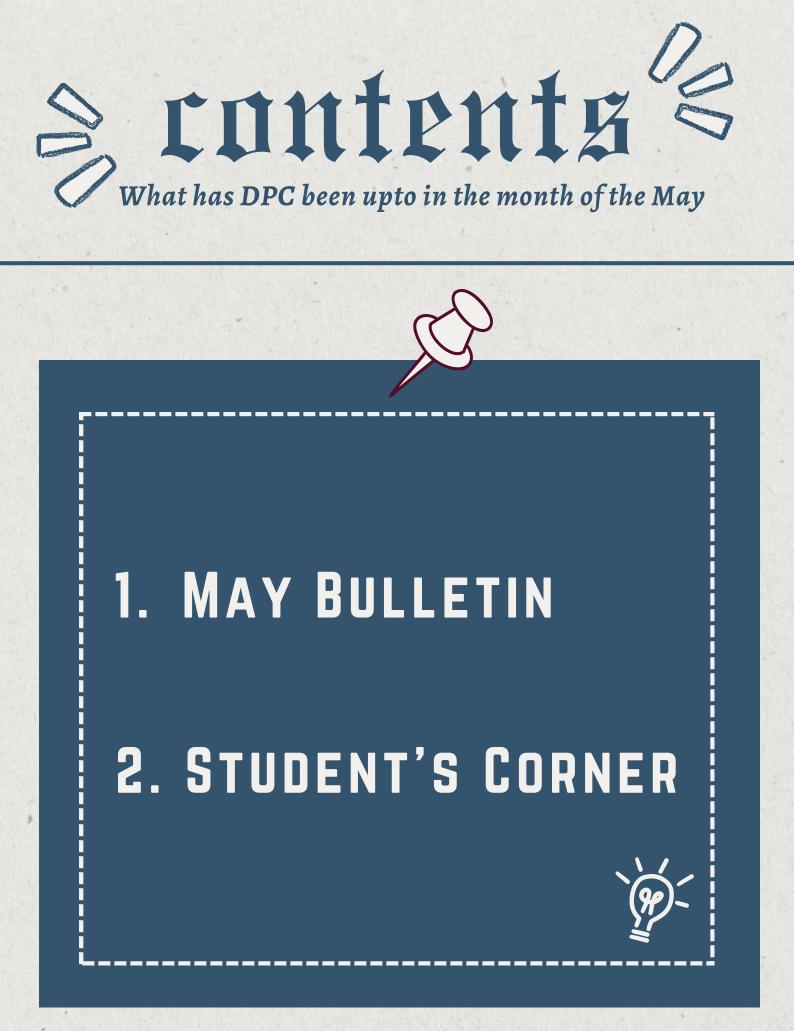
People die,

but memories

last forever

Late HAJ SAEED BIN AHMED AL LOOTAH *Founder* (1923 - 2020)







## DUBAI PHARMACY COLLEGE AT AL SHOLA PRIVATE SCHOOL GRADUATION CEREMONY

Dr. Bazigha represents Dubai Pharmacy College at Al Shola Private School Graduation Ceremony for the Academic Year 2023–2024 as a guest of honor. The event took place on Friday, May 31, 2024.

On this special occasion, we would like to extend our heartfelt congratulations to the students and families of Al Shola Private School for this remarkable achievement. The completion of this academic stage marks the end of one journey and the beginning of another towards a bright and promising future.

We take this opportunity to express our pride and admiration for the students' success and excellence. We wish them continued progress and success in their academic and professional endeavors. We look forward to witnessing more of their brilliant achievements in the future and wish them all the best in achieving their dreams and aspirations.





## FIRST SUCCESSFUL EXPERIENCE IN CONDUCTING PHARMACOTHERAPEUTICS PRACTICAL SESSION (PBL) IN SIMULATION CENTER



On 6th May 2024, the first practical session in pharmacotherapeutics was conducted using a problem-based learning (PBL) approach in the Simulation Center, DMU by the Pharmacy Practice Department (guidance ardfnd instruction by head of department, Prof.Kishore) the to enhance the practical skills and clinical decision-making abilities of pharmacy students.

Held for the 3rd year students (Batch 30) of DPC, the session instructors included **Dr**. **Eiman Shamselddin and Dr. Doaa Kamal**. The simulation team consisting of **Ms. Rosita Pangilinan** and **Mr. Michael Francisco** as well as the teaching assistants **Ms. Farah Nagy** and **Ms. Alya Osman**, played a crucial role in the smooth conducting of the session.













# **MINOR AILMENTS PRESCRIBING SEMINAR**



On Wednesday May 29, 2024, **Dr. Heba Bani Hani** gave a presentation to students and faculty from Dubai Pharmacy College on a timely topic: Minor Ailments Prescribing.

The seminar aligned with DPC's goals of enhancing pharmacy practice and exposing our students to innovative roles of pharmacists by showcasing the expanding scope of pharmacists as prescribers.

Dr. Bani Hani's talk highlighted the innovative role of pharmacists as prescribers. Her interactive session included case studies where DPC students were highly engaged in assessing patients with minor ailments and determining the appropriate treatment (prescription) for each case. Dr. Bani Hani advocated for the expanded roles of pharmacists, asserting that they are not merely "pill counters or label slappers," and stressed the importance of continuous education to ensure the best patient health outcomes.





## DUBAI PHARMACY COLLEGE TAKES ITS INDUSTRIAL TRAINING AT JULPHAR PHARMACEUTICALS TO A HANDS-ON LEVEL

Dubai Pharmacy College is pleased to announce the enhancement of Industrial Training for BPharm students at *Julphar Pharmaceuticals, RAK, UAE*.

The program will commence on **July 1st**, **2024**, and will be conducted under the guidance of our faculty members and training preceptors at Julphar.

The training sessions are designed to provide students with a comprehensive understanding of the pharmaceutical industry and its practices.



The implementation plan for this new training opportunity was discussed and approved in a meeting between the DPCG Training Faculty and the JTC Staff. The meeting was headed by **Prof. Bazigha Abdulrasool**, Head of Pharmaceutical Sciences, and **Dr. Rasha**, along with their training teams.

We sincerely thank **Dr. Rasha** and her dedicated team, **Mr. Omar Faruq**, and **Mr. Zohaib Parvez**, for their unwavering support in ensuring a successful and efficient training experience for DPCG students.



This hands-on experience serves to enhance the competencies required for employability and career advancement.



Sankhadip Bose Amritesh Chandra Shukla Mirza R. Baig Sabyasachi Banerjee *Editors* 

Interdisciplinary Biotechnological Advances

Concepts in Pharmaceutical Biotechnology and Drug Development

Deringer

**Prof. Mirza R. Baig** has published a book as one of the editors for **Concepts in Pharmaceutical Biotechnology and Drug Development** (Interdisciplinary Biotechnological Advances) released on 21 *May* 2024. This book provides comprehensive coverage of the development of new pharmaceuticals and the enhancement of existing ones.

While introducing the roles and applications of biotechnology in drug design and development, the book describes how developments in other fields, like genomics, proteomics, and high-throughput screening, have facilitated the discovery of novel therapeutic targets and drug development methods. It included concepts that are essential to biotechnology and apply to protein therapies.

He also contributed to a chapter on **Biotechnological Approaches in Infectious Diseases**. This chapter gives a comprehensive overview of the present impacts of infectious illnesses, focusing on the primary factors that lead to illness and death. Furthermore, it highlights the potential of nanotechnology to improve the existing therapeutic approaches.

Congratulations!

To **Prof. Mirza** on this remarkable achievement. We couldn't be more proud to have you as our faculty member!



## **RESEARCH PUBLICATION**

Congratulations!

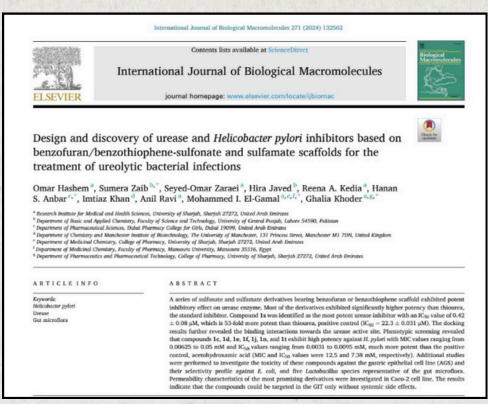
To **Dr. Hanan Anbar**, Associate Professor at the Department of Pharmaceutical Sciences, on the publication of her two new articles:



"Design and discovery of urease and Helicobacter pylori inhibitors based on benzofuran/benzothiophene-sulfonate and sulfamate scaffolds for the treatment of ureolytic bacterial infections", in which, she's the corresponding author, published in the International Journal of Biological Macromolecules, a Q1 SCOPUS-indexed journal, impact factor 8.2 (top 10% in molecular biology).



"Design, synthesis, biological evaluation, and in silico studies of novel pyridopyridine derivatives as anticancer candidates targeting FMS kinase", as an author, published in the European Journal of Medicinal Chemistry, a Q1 SCOPUS- indexed journal, impact factor 6.7 (top 8% in Pharmacology).





## **RESEARCH PUBLICATION**

Congratulations!

To Ms. Lin Mosbah Katramiz, DPC MPharm Graduate, and Dr. Doaa Kamal AlKhalidi from the Pharmacy Practice Department, on the publication of their research article titled "Physicians' Perceptions Regarding the Role of Vitamin D in COVID-19 Management: A Qualitative Study" in the Research Journal of Pharmacy and Technology, a Scopus-indexed journal, Q2.

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RESEARCH ARTICLE

#### Physicians' Perceptions regarding the Role of Vitamin D in COVID-19 Management: A Qualitative Study

Lin Mosbah Katramiz<sup>1</sup>, Doaa Kamal Alkhlaidi<sup>1</sup>\*, Muneeb Ahsan<sup>2</sup>, Dujana Mostafa Hamed<sup>3</sup> <sup>1</sup>Dubai Pharmacy College for Girls, Pharmacy Practice Department, Dubai, United Arab Emirates. <sup>2</sup>Rashid Hospital, Dubai, United Arab Emirates. <sup>3</sup>Rashid Hospital, Infectious Disease Department, Dubai, United Arab Emirates. \*Corresponding Author E-mail: dr.doaakamal@dpc.edu

#### ABSTRACT:

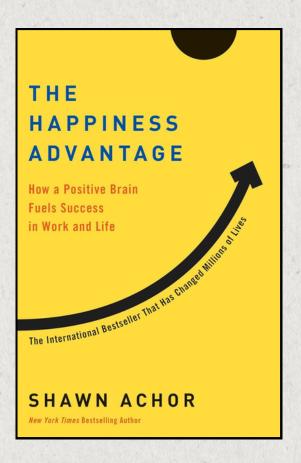
**Purpose:** COVID-19 outbreak has created a public health crisis starting from December 2019. Vitamin D has raised as a protective factor that can take part in reducing risk of infection. It has an immunomodulatory wide spectrum action. This study aims to ascertain the physicians' perceptions regarding Vitamin D role as adjuvant therapy in COVID-19 infection. **Methods:** A descriptive qualitative design was approached. Data collection took place in a governmental tertiary hospital in Dubai, United Arab Emirates. A semi-structured interview guide was developed and validated for this purpose. In-depth individual interviews with physicians (n=20) from different departments were conducted. The participants were enrolled until reaching the saturation level. The interviews were recorded and transcribed. A thematic content analysis was performed. **Results:** After analysis, three elemental themes with subthemes emerged that described physicians' experience and perceptions: general protocol followed for prescribing Vitamin D in COVID-19 patients, Clinical effect of Vitamin D in COVID-19 disease, Vitamin D deficiency and COVID-19 mortality. Different responses were obtained from physicians reflecting their experience with COVID-19 patients. **Conclusion:** The findings revealed physicians' experience of Vitamin D used in COVID-19. Physicians stated the different regimen of Vitamin D used in COVID-19 patients and declared the association of Vitamin D in different COVID-19 cases but, no relation of Vitamin D deficiency and COVID-19 mortality as per physicians' experience.



#### GOOD READS SELECTION: "THE TRANSFORMATIVE POWER OF POSITIVITY IN THE HAPPINESS ADVANTAGE"

Book Review by Mrs. Sabeena Salam, Director, Institutional Effectiveness Unit,

"The Happiness Advantage: How a Positive Brain Fuels Success in Work and Life" by Shawn Achor is a compelling and well-researched exploration of the impact of positive psychology on personal and professional success. Achor, a Harvardtrained researcher, deftly blends scientific findings with practical advice, making the book both informative and actionable.



The core premise of "**The Happiness Advantage**" is that happiness fuels success, not the other way around. Achor challenges the conventional notion that success leads to happiness, arguing instead, that a positive mindset can significantly enhance productivity, creativity, and performance. He supports this thesis with a robust array of studies and real-life examples, demonstrating how happiness can improve every aspect of our lives, from our careers to our relationships.

One of the strengths of the book is Achor's ability to distill complex psychological concepts into engaging and relatable anecdotes.

His writing is accessible, and he uses humor and storytelling to keep the reader engaged. Each chapter introduces a principle of positive psychology, such as the Tetris Effect or the 20-Second Rule, and offers practical steps to implement these principles in daily life. For instance, Achor discusses the importance of cultivating a "positive Tetris Effect," where we train our brains to look for patterns of possibility and opportunity rather than failure and negativity.

This mental shift, he argues, can have profound effects on our overall well-being and success. Similarly, the 20-Second Rule suggests making desired habits easier to start by reducing the activation energy required, while making undesirable habits harder to initiate.

Achor's book is not just theoretical; it's filled with actionable advice. He provides specific exercises and strategies, such as gratitude practices, meditation, and conscious acts of kindness, which are designed to help readers rewire their brains for positivity. These practices are backed by scientific evidence and have been shown to lead to lasting improvements in happiness and success.

Critics might argue that the book's optimism could come across as overly simplistic or idealistic, particularly for those facing significant life challenges. However, Achor acknowledges that while positivity alone cannot solve all problems, it can equip individuals with the resilience and mindset needed to tackle adversity more effectively.

Overall, "**The Happiness Advantage**" is a valuable read for anyone looking to enhance their personal and professional lives. Shawn Achor's blend of scientific rigor, practical advice, and engaging storytelling makes a compelling case for the power of positivity. The book is a testament to the idea that by prioritizing happiness, we can achieve greater success and fulfillment in all areas of our lives.

Thank you Mrs. Sabeena for this wonderful and enlightening book review! We could do more to add some positive psychology in our life. We look forward to more of these delightful reviews!



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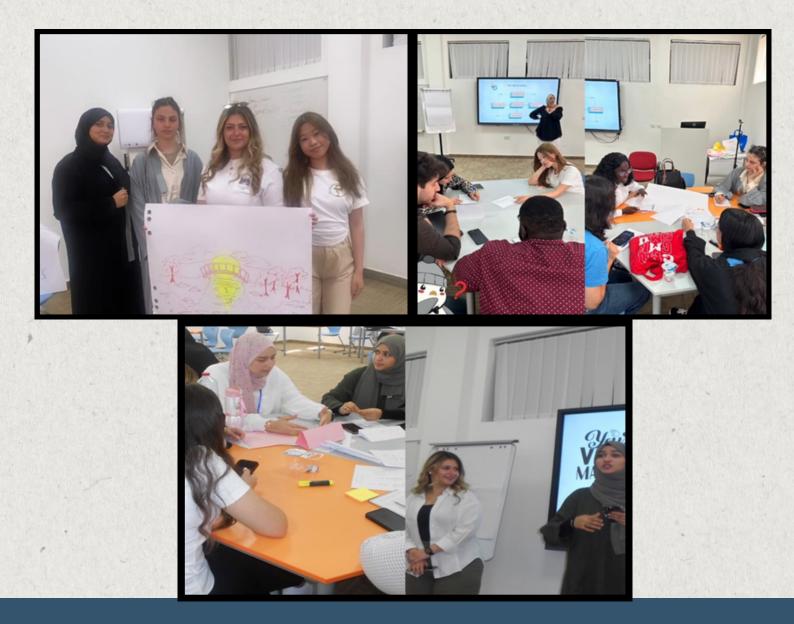
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#### TRAINING DEVELOPMENT CAMP ORGANIZED BY GPSA UNDER THE INTERNATIONAL PHARMACEUTICAL STUDENTS' FEDERATION (IPSF)

This year, one of our distinguished students could participate in the Training Development Camp organized by GPSA under the International Pharmaceutical Students' Federation (IPSF). This camp, a hallmark event in the realm of pharmaceutical education and professional development, aims to enhance the practical skills and theoretical knowledge of future pharmacists through intensive training sessions, workshops, and interactive activities.

Foster leadership abilities through role-playing, problem-solving tasks, and team-building exercises. The insights and skills gained from the Training Development Camp have equipped our students with a solid foundation to excel in their academic and professional endeavors. Additionally, as a now certified trainer, this student will share their experience with our students through workshops, further enriching our academic community.

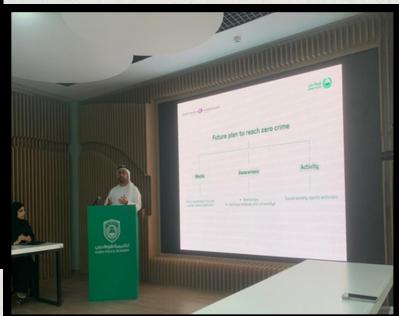


#### DUBAI PHARMACY COLLEGE LEADS THE WAY IN CAMPUS SAFETY AT THE 2ND ZERO CRIME GATHERING

Dubai Pharmacy College Leads the Way in Campus Safety at the 2nd Zero Crime Gathering. The 2nd Zero Crime Gathering, organized by The Council of Universities and Colleges of Dubai Police, is a pivotal event aimed at fostering collaborative efforts between academic institutions and Dubai Police to create a safer community. Purpose:

- Enhancing campus safety
- Encouraging community participation
- Promoting education and awareness





#### **QURAN COMPETITION**

A celebration was organized to honor all participants and teachers of Quran Competition. The ceremony began with a recitation of verses from the Quran.

Speeches were delivered by participants, who emphasized the importance of Quranic studies in personal and academic life.

Certificates of participation were awarded to all contestants, and special awards were given to the top performers

Encourage students to engage deeply with the Quran, enhancing their recitation skills and understanding of its teachings.

Provide a platform for students to showcase their devotion to the Quran.



## IPPE OI ORIENTATION FOR 2ND YEAR PHARMACY STUDENTS

On 31 May 2024, DCPG recently conducted an orientation for 2nd-year pharmacy students preparing for their IPPE 01 community pharmacy training. The highlight of the session was the presentation delivered by Dr. Bana, representing the Aster Pharmacy Group.

Dr. Bana also provided practical tips and guidance on how students can make the most of their IPPE 01 training at Aster Pharmacy locations. She taught the need for professionalism, effective communication skills, and a proactive approach to learning. Students were encouraged to utilize observation time wisely, ask thoughtful questions, and actively participate in daily pharmacy activities

The event featured insightful advice from experienced senior students. The senior student speakers – Juman, Marwa, and Rahma\* – shared their firsthand experiences and tips to help the new batch of students make the most of their upcoming community pharmacy training. They covered practical matters like professional dress codes, communication with pharmacists and patients, and making the best use of observation time.

Events like this, which combine peer mentorship and expert guidance, are instrumental in helping pharmacy students transition smoothly into training.

The highlight of the session was the interactive group discussions facilitated by the DCPG coordinator and Students.

Dr. Ammar led interactive group discussions to clarify any outstanding questions about the IPPE 01 program and requirements. This allowed the 2nd year students to get a comprehensive understanding of what to expect and how to prepare.





#### DPCG SENDS STUDENTS FOR IPPEO2 TRAINING AT DUBAI HEALTH HOSPITALS

We're thrilled to announce that DPCG is collaborating with Dubai Health Hospitals, including Dubai, Latifa, Rashid, and Al Jalela hospitals, to provide IPPE02 training to our dedicated students.

Today, we successfully conducted an informative orientation session for our third-year students. The session was honored by the presence of esteemed professionals, Dr. Asma from Aljalela Hospital and Dr. Ahoud from Latifa Hospital, who graciously shared their expertise as the heads of pharmacy.

This IPPE02 training opportunity will empower our students to gain valuable practical experience and enhance their skills in a real healthcare setting. We believe this training will be important in shaping their future careers and prepare them for APPE clinical training.



## DUBAI PHARMACY COLLEGE FOR GIRLS SHINE IN THE ANNUAL RESEARCH DAY



On May 29th, 2024, Dubai Pharmacy College for Girls organized a very successful Research Day. **Prof. Sherief Khalifa**, Dean of the College, welcomed **Prof. Thani Al Mheiri**, The Chancellor, The Provost, Deans of Medical College and College of Nursing, the esteemed guests, the faculty members, and students. After that, The Dean gave the floor to our talented 4th year undergraduate students to showcase their research projects, demonstrate incredible dedication, inspiration, and passion for research.

The event was a wonderful opportunity for our students to present their research and receive valuable feedback from faculty members and peers. A heartfelt thank you to all the organizers, faculty, and attendees for making this event a memorable one.

Students' contributions are shaping the future of our field, and we couldn't be prouder.









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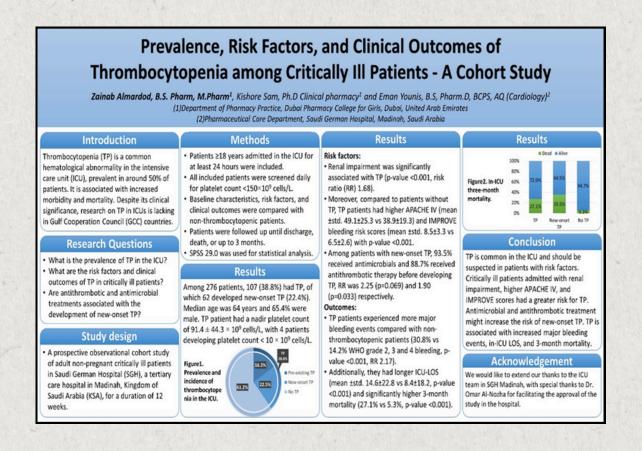
#### RESEARCH PRESENTATION BY DPC STUDENTS AT 2024 ACCP VIRTUAL POSTER SYMPOSIUM

= Congratulations! =

To all the following DPC students and their mentors for their remarkable participation by presenting their research works at the prestigious **2024 ACCP Virtual Poster Symposium**, which is recognized globally as a leading international Pharmacy association from the USA!

To **Zainab Abdullah Al Mardad**, M.Pharm student, supervised by **Dr. Kishore Sam** and **Dr. Eman Younis** for her outstanding achievement in presenting her research on:

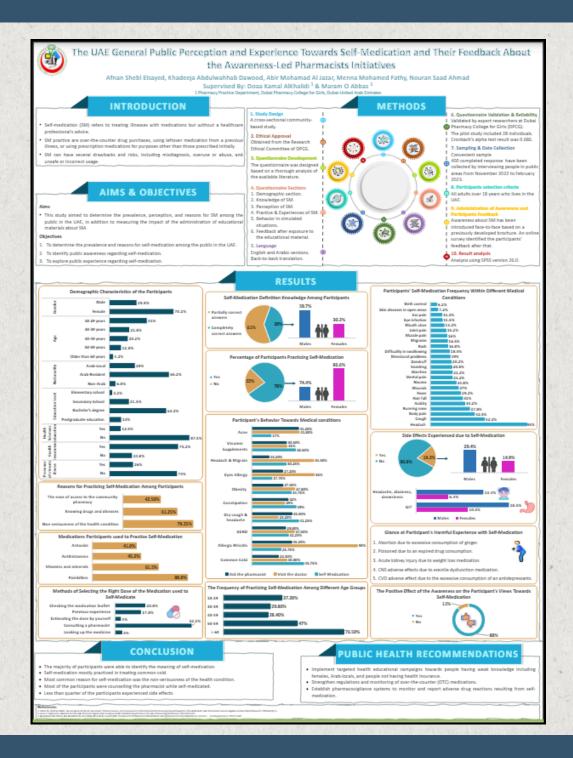
"Prevalence, Risk Factors, and Clinical Outcomes of Thrombocytopenia among Critically Ill Patients – A Cohort Study"



= Congratulations! =

To Afnan Elsayed, Abir Al Jazar, Khadeeja Dawood, Menna Fathy, Nouran Saad, BPharm Students, who were supervised by: Dr. Doaa Kamal Alkhalidi and Dr. Maram Abbas, for presenting on their poster titled:

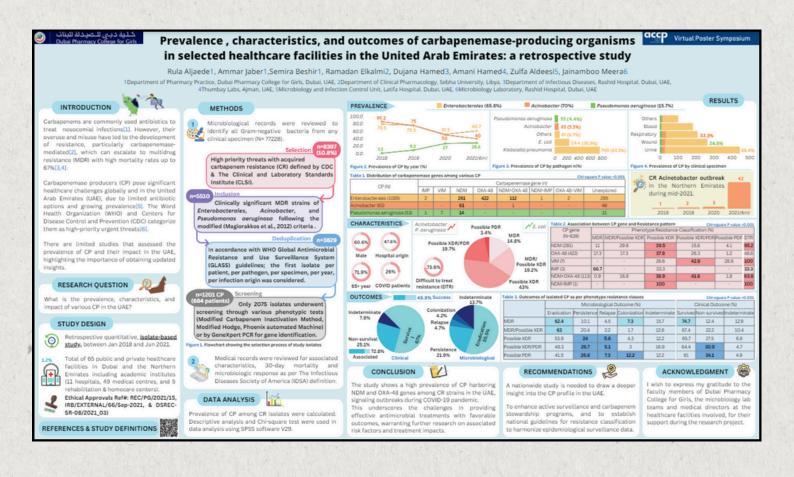
"The UAE General Public Perception and Experience Towards Self-Medication and Their Feedback About the Awareness-Led Pharmacists Initiatives"



= Congratulations! =

To Rula Aljaede, MPharm Student, supervised by: Ammar Jaber, Semira Beshir, Ramadan Elkalmi, Dujana Hamed, Amany Hamed, Zulfa AlDeesi, and Jainamboo Meera, for presenting on the research titled:

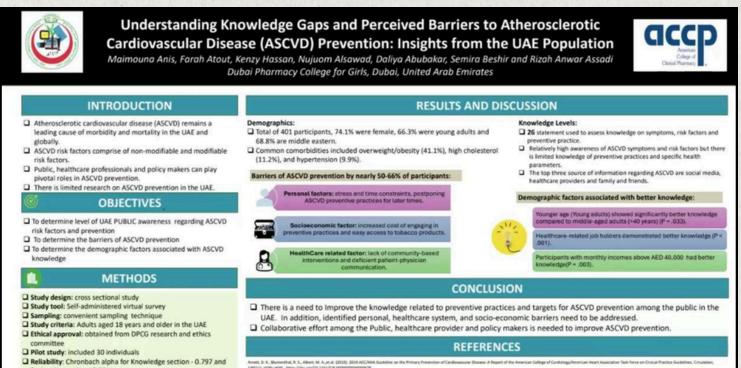
"Prevalence, Characteristics, and Outcomes of Carbapenemase-Producing Organisms in Selected Healthcare Facilities in the UAE - A Retrospective Study"



= Congratulations! =

To Maimouna Motaz Anis, Farah Mamoon Atout, Kenzy Hosam Hassan, Nujuom Ismael Shakir Alsawad, Daliya Said Abubakar, BPharm Students, supervised by: Dr. Semira Beshir and Dr. Rizah Anwar Assadi for presenting on their research poster titled:

"Understanding Knowledge Gaps and Perceived Barriers to Atherosclerotic Cardiovascular Disease (ASCVD) Prevention: Insights from the UAE Population"



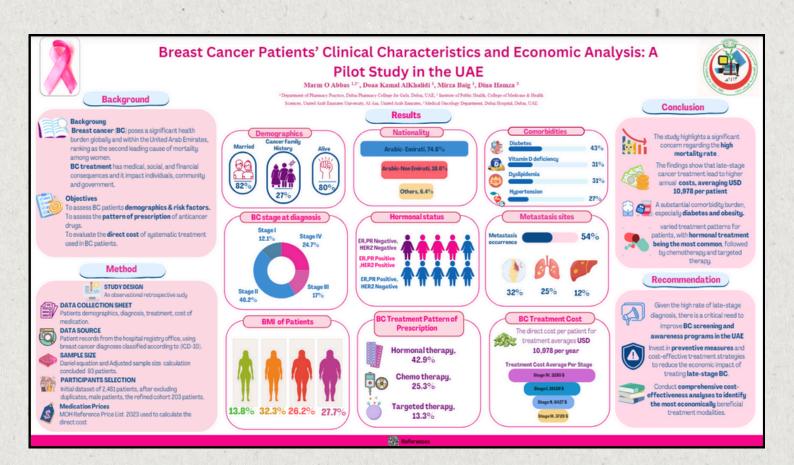
for barrier section - 0.881
Data analysis: descriptive statistics and Chi square test using SPSS

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= Congratulations! =

To **Dr. Maram Abbas**, **Dr. Doaa Alkhalidi**, and **Dr. Mirza Baig**, for presenting on their research poster titled:

"Breast Cancer Patient's Clinical Characteristics and Economic Analysis: A Pilot Study in the UAE"



## meet the team

#### STUDENT EDITORIAL TEAM:

Head of Newsletter: Editor: Joud Hourani [Batch 31] Co-Editor & Reviewer: Fathima Nooha Sameer [Batch 31]

#### **Valued Members:**

Aasma Abdul Kareem [B 31] Aisha Abdulelah [B 31] Aisha Nasir Mahmood [B 31] Aya Muhannad [B 31] Badra Ejaz [B 31] Enji Hammad [B 31] [ehan Salah [B 31] Luna Abou Chameh [B 31] Mariam Etri [B 31] Sana Nazim [B 31] Sara Abdelfattah [B 31] Ayesha Shahid [B 32] Amna Farrukh [B 32] Rahf Saeel [B 32] Sheikha Shahid [B 32] Toleen Waleed [B 32]

#### **Faculty Review Team**

Mrs. Sabeena Salam Dr. Rana Sammour **Supervisors:** Mrs. Sadaf Sana & Ms. Yasmein Salem